

MAKAI, I.

"Bandspread of a Large Super Receiver without a Wave-band Switch."
(To be contd.) p. 9 (RADIOTECHNIKA. Vol. 5, No. 1, Jan. 1955; Budapest,
Hungary.)

So: Monthly List of East European Accessions, (EMAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

MAKAI, I.

"Two-tubed Dwar" Receiver Without a Grid Condenser." p. 240
(RADIOTECHNIKA. Vol. 4, No. 11, Nov. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (DEAL), 10, Vol. 4,
No. 4, April 1955, Uncl..

MAKAI, I.

Small quality amplifier with possibilities for specific control and
mixing of sound. p. 233. RADIOTECHNIKA. Budapest. Vol. 4, No. 10,
Oct. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

MAKAI, I.

"Dwarf Band-Spreading Superheterodyne Receiver Without a Wave Switch."
p. 150 (RADIOTECHNIKA. Vol. 4, No. 7/8, July/Aug. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (IEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

MAKAI, I.

"Vibrator Instead of Anode Battery", P. 130, (RADIOTECHNIKA, Vol. 4, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAI, I.

"What Do We Hear Over Amateur Wave Bands?", P. 135, (RADIOTECHNIKA, Vol. 4, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAI, I.

"Orion-366 Set", P. 108, (RADIOTECHNIKA, Vol. 4, No. 5, May 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAI, I.

"What Do We Hear Over Amateur Wave Bands? (To Be Contd.)", P. 107,
(RADIOTECHNIKA, Vol. 4, No. 5, May 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

MAKAI, I.

"Vibrator Instead of Anode Battery. (To Be Contd.)", P. 106, (RADIO-TECHNIKA, Vol. 4, No. 5, May 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAI, I.

"Commerce Gives An Answer", P. 85, (RADIOTECHNIKA, Vol. 4, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAI, I.

"Microdisks", P. 84, (RADIOTECHNIKA, Vol. 4, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAI, I.

"Economical Three-Tube Radio Set", P. 82, (RADIOSSOTIRA, Vol. 4, No. 4,
Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (SIAL), IC, Vol. 3, No. 12,
Dec. 1954, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Imre

Application of functional equations in the Lie theory of derivation of geometrical objects. Mat lapok 13 no.1/2:204-205 62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Gyorgy

The country of the Mahdi. Elet tud 17 no.50:1574-1578 16 D '62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Gyorgy

Fights in Angola and the Portuguese colonization. Elet tud 16 no.40:
1251-1255 1 0 '61.

MAKAI, Gyorgy, ujsagi

1960: the year of Africa. Munka 11 no.1:32-33 Ja '61.

(Africa)

HURAJ, E.; MAKAL, F.

Importance of angiography in the diagnosis of tumors of the
extremities. Bratisl. lek. listy 45 no.2:69-75 31 Ja '65

1. Ortopedická klinika I. fak. Univerzity Komenského v
Bratislave (vedúci akademik J. Cervonansky).

HURAJ, E.; MAKAI, F.

On the problem of angiography in bone tumors. Acta chir. ortop.
traum. Cech. 32 no.3:235-238 Je 1965.

1. Ortopedická klinika Lekárskej fakulty Univerzity Komenského
v Bratislave (prednosta akademik Slovenskej akadémie vied
J. Cervenansky).

MAKAI,F.; KALMAN,E.

Experiences with institutional care in Sudeck's syndrome.
Bratisl. lek. listy 44 no.3:160-166 '64.

1. Ortopedicka klinika Lek. fak. Univ. Komenskeho v Bratis-
lave; veduci: clen koresp. SAV prof. MUDr. J.Cervenansky.

*

CHIVENANSKY, J., HAKA, F.; SIKOVINA, P.

Problems in fractures of the upper segment of the femur, review of our clinical material, failures, current status and prospects for the future. Acta chir. ortop. trauma. (ech. 2) no. 1980. 302-62 '64.

1. Ortopedická klinika lékařské fakulty University Komenského v Bratislavě, (prednosta prof. dr. J. Červenanský).

MAKAI, E.

On a minimum problem. Pt.2. Acta mat Hung 15 no.1/2:63-66
'64

1. Mathematical Institute, Hungarian Academy of Sciences,
Budapest. Presented by P. Turan.

MAKAI, Endre; TURAN, Pal

Hermite expansion and sitribution of zeros of polynomials.
Mat kut kozl MTA 8 A series no. 1/2:157-163 '63.

1. "A Magyar Tudomanyos Akademia Matematikai Kutato Inteze-
tenek Kozlmenyei" Szerkeszto bizottsagi Tagja (for Makai)

MAKAI, Endre

On the fundamental frequencies of two and three dimensional membranes. Mat kut kozl MTA 8 A series no.1/2:109-123 '63.

1. "A Magyar Tudományos Akademia Matematikai Kutato Intezetenek Kozlemenyei"szerkeszto bizottsagi tagja.

MAKAI, E. (Budapest)

On generalizations of an inequality due to Polya and Szego. Acta mat
Hung 12 no.1/2:189-191 (61. (EAI 10:9)

1. Presented by P. Turan.

(Inequalities(Mathematics))

MAKAI, E.

Distr: 4E2c(j)

Investigation of the copolymerization of unsaturated polyesters and styrene or methyl methacrylate by measuring shrinkage. Ibolya Vancsó and Etelka Makai (Szervés Vegyipari és Műanyagipari Kutató Int., Budapest, Hung.). Magyar Tudományos Akad. Kém. Tudományok Osztályának Közleményei 11, 445-53 (1959).--The extent of polymerization is detd. by measuring shrinkage in a Schulz dilatometer (cf. Schulz and Harborth, C.A. 41, 5752b). Diethylene glycol maleate and sebacate are copolymerized with styrene (I) and Me methacrylate (II). Unsatu. promotes polymerization. The nature of the initiator-activator system (Bz_2O_2) greatly influences the reaction. II had much smaller copolymerization ability with polyesters than I. The Trommsdorf effect (cf. Trommsdorf, et al., C.A. 42, 6570b) was valid in the above cases.

T. E. Muller

Card 1/1

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MAKAI, E. (Budapest)

The first main theorem of P. Turan. In English. Acta mat. Hung. 10
no. 3/4:405-411 '59. (EBAI 9:5)
(Numbers, Theory of)

MAKAI, E.

Steiner type inequalities in plane geometry. Periodica polytechn
electr 3 no.4:345-355 '59. (EEAT 10:1)

1. Department of Mathematics, Polytechnical University, Budapest.
(Geometry)

Makai, E. On a maximum problem. Acta Math. Acad. Sci. Hungar. 9 (1958), 105-110.

Put $P(z) = \prod_{i=1}^n (1 + u_i z)$, $(P(z))^{-1} = \sum_{i=0}^{\infty} b_i z^i$, $h_m(z) = (-1)^{m+1} (1 - P(z) \sum_{i=0}^m b_i z^i)$. The author wants to estimate the maximum K_{mn} of $\int_0^{2\pi} |h_m(e^{i\theta})|^2 d\theta$ under the condition that $|u_1| \leq 1, \dots, |u_n| \leq 1$. He shows that the coefficients of the polynomial $h_m(z)$ are symmetrical functions of $u_1, \dots, u_n$ with non-negative coefficients. It follows that the maximal value of the integral is attained if $u_1 = \dots = u_n = 1$. In this case the coefficients of $h_m(z)$ can be evaluated explicitly, and so an elementary expression for K_{mn} can be derived. Some simpler upper and lower bounds for K_{mn} are given. N. G. de Bruijn (Amsterdam)

Makai, E. On the inequality of Mathieu. Publ. Math. Debrecen 5 (1957), 204-205. 2

Die Ungleichung $\sum_{n=1}^{\infty} 2n/(n^2+x^2)^2 < 1/x^2$ die von E. Mathieu [Traité de physique mathématique, t. VI-VII. partie 2, Gauthier-Villars, Paris, 1890] vermutet, von K. Schröder [Math. Ann. 121 (1949), 247-326; MR 12, 185] und von O. Emersleben [ibid. 125 (1952), 165-171; MR 14, 369] teilweise, von L. Berg [Math. Nachr. 7 (1952), 257-259; MR 14, 731] und von J. G. van der Corput und L. O. Heflinger [Nederl. Akad. Wetensch. Proc. Ser. A. 59 (1956), 15-20; MR 17, 949] mittels mehr schwierigen analytischen Hilfsmitteln vollständig bewiesen wurde, wird hier so einfach gewonnen, dass in diesem Referat der ganze Beweis wiedergegeben werden kann: Es wird die evidente Ungleichung $[(n-\frac{1}{2})^2+x^2-\frac{1}{4}]^{-1} - [(n+\frac{1}{2})^2+x^2-\frac{1}{4}]^{-1} > 2n/(n^2+x^2)^2$ bezüglich n von 1 bis ∞ summiert. Mit derselben Methode wird auch die anderseitige Abschätzung $\sum_{n=1}^{\infty} 2n/(n^2+x^2)^2 > 1/(x^2+\frac{1}{4})$ bewiesen, die für $x^2 > 5/6$ schlechter, für $x^2 < 5/6$ dagegen besser ist als die untere Abschätzung $\sum_{n=1}^{\infty} 2n/(n^2+x^2)^2 > 1/x^2 - 5/(16x^4)$ von O. Emersleben. J. Acadl (Debrecen).

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E. MAKAI.

"On a monotonic property of certain Sturm-Liouville functions." p. 165 (ACTA MATHEMATICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 3, No. 3, 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

MAKAI, E.

Mathematical Reviews
Vol. 14 No. 9
Oct. 1953
Analysis

✓
Makai, E. On a monotonic property of certain Sturmliouville functions. Acta Math. Acad. Sci. Hungar. 3, 165-172 (1952) (Russian summary)
Let x_{vk} , $k=1,2,3,\dots$ denote the non-negative zeros of $J_v(x)$, $v \geq -1$. R. G. Cooke [J. London Math. Soc. 12, 180-185 (1937)] has proved in a rather lengthy way that

the areas

$$\left| \int_{x_{v,n-1}}^{x_{v,n}} J_v(x) dx \right|$$

are increasing with k . The author presents a surprisingly elegant proof for the case $|v| > 1/2$ using Sturm's comparison theorem in a proper way. The same method is used in order to prove analogous properties of the Hermite and Legendre polynomials.

G. Szegő (Stanford, Calif.)

3

7-1454
L

MAKAI, E.

Makai, E. Eine Abschätzung der gewissen Differentialgleichungen zweiter Ordnung. Mat. Fiz. Lapok 10:537 (1943). (Hungarian-German summary)

Let $\rho(x)$ be positive and have a second derivative continuous in stretches in $a \leq x \leq b$. We denote by λ_n and λ_n' the characteristic values of the differential equation $y'' + \rho(x)y = 0$ with the boundary conditions $y(a) = y(b) = 0$ and $y'(a) = y'(b) = 0$ respectively. According to a classical result of Liouville,

$$\lambda_n \sim \lambda_n' \sim \pi n / \int_a^b \sqrt{\rho(x)} dx \quad n \rightarrow \infty.$$

The author assumes, in addition to the conditions mentioned, that $\rho''/\rho^2 < 0$ (this condition is satisfied if ρ is convex from above). Then $\lambda_n < \lambda_n'$. Similarly if $\rho''/\rho^2 > 0$ we have $\lambda_n' < \lambda_n$. Under the same conditions the following inequalities hold:

$$\lambda_n \leq ((n+1)/n)\lambda_n', \quad \lambda_n' \leq ((n+1)/n)\lambda_n$$

respectively. As an application, bounds for the zeros of certain polynomials are obtained.

G. Szegő

Soviet Mathematical Reviews,

Vol. 8, No. 4

LPH

S. M. LPH

L 37243-66 FCC

ACC NR: AP6027824

SOURCE CODE: GE/0064/66/018/05-/0268/0272

AUTHOR: Makai Csaszar, Margarete (Doctor; Budapest)

ORG: Institute for Meteorology, Budapest

TITLE: Function of humidity in the analysis of showers and thunderstorms

SOURCE: Zeitschrift fur meteorologie, v. 18, no. 5-7, 1966, 268-272

TOPIC TAGS: atmospheric humidity, storm, atmospheric phenomenon

ABSTRACT: Thermodynamical, electrical, and cloud-physical factors were related to the incidence of showers and thunderstorms with the aim of establishing the criteria for the development of these meteorological phenomena. An especial significance of atmospheric humidity and of its vertical gradient was indicated and it was shown that this gradient may be correlated to the electric-charge concentration in a vertical direction. Data were presented to illustrate the relationships described. Orig. art. has: 5 figures. [JPRS: 36,844]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 002
OTH REF: 005

Card 1/1 MLC P

UDC: 551.515.4

13.36

MAKAI, B.

We should increase the durability of winch ropes, p. 9, REPULÉS, (Magyar
Onkentes Honvedelmi Szövetség) Budapest, Vol. 8, No. 11, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4^e, No. 12, December 1955

DAVAT, B.

"Performance Flight. (Conclusion)", p. 17. (DETHIS, Vol. 1, (p. 2),
June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (DEAL), IC, Vol. 1,
No. 1, Jan. 1955, Incl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, E.

"Flight performance. (To be contd.)" Repules, Budapest, Vol. 6 (i.e. 7), No. 11, June 1954, p.17.

SO: Eastern European Accessions L1st, Vol. 3, No. 1, Nov. 1954, L.C.

MAKAI, Adam, okleveles villamosmérnök

Logical designs in the field of automatic control. Elektrotechnika
57 no.2/3:92-105 F-Mr '64

1. Electric Automation Institute, Budapest, I. Krisztina körút 55.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAFAL, Admin
[unclear]

Transistor as a switch. Microterminal 14 no. 4012-130 sp '61.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Transistor as a switch. Radiotekhnika 14 no.2:46-47 F'64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Transistor switch. Radiotekhnika 13 no.11:410-411 N '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Transistor switch. Radiotekhnika 13 no.10:390-392 0 '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Transistor switches. Radiotechnika 13 no.8:312-314 Ag '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Switch transistors. Radiotechnika 13 no.7:271-273 '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Transistor as a switch. Radiotekhnika 13 no.5:192-193 My '63.

MAKAI, Adam

Transistor as a switch. II. Radiotechnika 13 no.4:126-128
Ap '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAKAI, Adam

Transistor as a switch.I.(To be contd.) Radiotechnika 13 no.3:
86-87 Mr '63.

In the article, "Experimental Pharmacotherapy of Hypertonia and Coronary Insufficiency in Simians With Hexonium," A. A. Belous and G. O. Makagyan, of the Sukhumi Medico Biological Station of the Academy of Medical Sciences USSR and the Division of Pharmacology of the Institute of Experimental Medicine of the academy, describe experiments conducted on simians establishing that hexonium, a preparation synthesized at the Division of Pharmacology and identical with the foreign preparation hexamethonium widely used abroad, is a highly effective hypotensive agent. It normalizes blood pressure and has a favorable effect on coronary circulation; normal pressure may be retained for as long as two months after administration of the drug is halted. Electrocardiograms taken of the animals during the period of therapy with hexonium revealed improvement in venous circulation. Hexonium is not effective in coronary insufficiency of long standing. (Farmakologiya i Toksikologiya Vol 20, No 2, Mar/Apr 57, pp 15-21) (U)

MAKAGONOV, P.P.; SOLOV'YEV, G.A.

Calculation of the correction for the effect of relief during
observations by a gravimeter. Izv. vys. ucheb. zav.; geol. i
razv. 6 no.5:122-127 My '65. (MIRA 18:10)

1. Moskovskiy geologorazvedochnyy institut imeni Ordzhonikidze.

MAKAGON, V.

Improving conveyer performance. Mast. ugl. 5 no. 10:22 0 '56.
(MLRA 9:12)

1. Mekhanik uchastka shakhtoupravleniya no. 8-9 tresta Krasno-
gvardeyskugol'.
(Moscow Basin--Conveying machinery)

MAKAGON, M.B.

18(7) PHASE I BOOK EXPLOITATION SOV/3355
Akademiya nauk SSSR. Institut metallurgii. Nauchnyy sovet po
probleme zharnoprochnykh spлавov
Issledovaniya po zharnoprochnym spлавam. t. IV (Studies on Heat-Resistant Alloys, vol. 4), Moscow, Izd-vo AN SSSR, 1959. 400 p.
Kryta slip inserted. 2,200 copies printed.
Ed. of Publishing House: V. A. Klimov; Tech. Ed.: A. P. Guseva;
Editorial Board: P. A. Savin, Academician; G. V. Kurdynov,
Academician; N. V. Agrelov, Corresponding Member, USSR Academy of
Sciences; I. A. Odling, I. M. Pavlov, and I. P. Zudin, Candidate
of Technical Sciences.

PURPOSE: This book is intended for metallurgists concerned with
the structural metallurgy of alloys.
COVERAGE: This is a collection of specialized studies of various
problems in the structural metallurgy of heat-resistant alloys.
Some are concerned with theoretical principles, some with alloys.
Others are concerned with the development of new alloys.
Others are concerned with the development of new equipment and methods, others with properties
of specific materials. Various methods of obtaining new alloys
are described. Some conditions are studied and reported on. For details,
see Table of Contents. The book is accompanied by a number
of references, both Soviet and non-Soviet.

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Card 3/12

MAKAGON, I.I.

TESLENKO; MAKAGON, I.I.

Attachement to the C-225 and C-202 thread-cutting machines for
the cutting of a taper thread on gas pipes. Vod.i san.tekh.
no.9:31 S '57. (MIRA 10:11)

(Gas pipes) (Pipe fitting)

MAKAEL'YAN, T.S., red.; SAYTANIDI, L.D., tekhn. red.

[Growing hemp and processing retted hemp straw] Vyrashchivanie
konopli i pererabotka tresty. Moskva, Izd-vo M-va sel'.khoz.
RSFSR, 1962. 107 p. (MIRA 15:10)

(Hemp)

MAYSURADZE, Z.N.; GABUNIYA, D.S.; LEGRAN, N.E.; MAKADZE, M.M.;
MAKHATADZE, N.K.; SARKISOVA, Ye.G.;
TSIBADZE, D.S.

Microvascular system of the cerebral cortex in dogs. Soob.
AN Gruz. SSR 26 no.4:469-476 Ap '61. (MIRA 14:8)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut.
Predstavleno akademikom A.D. Zurabashvili.
(CEREBRAL CORTEX--BLOOD VESSELS)

MAKADZE, I.S., kandidat tekhnicheskikh nauk; NEGNEVITSKIY, I.B., kandidat
tekhnicheskikh nauk.

Magnetic time relay without contacts. Trudy MEI no.14:53-62 '53.
(Electric relays) (MLRA 8:7)

KERTAY, Nandor, dr.; DOLOZSELEK, Gyula, dr.; MAKADI, Margit, dr.

Epidemiological and clinical importance of bovine tuberculosis in children. Tuberkulozis 13 no.12:362-365 D '60.

1. Az Orszagos Koranyi TBC Intezet (igazgato-foorvos: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) Mikrobiologiai osztalyanak es a Szabadsaghegyi Allami Gyermekekszanatorium (igazgato foorvos: Szederkenyi Janos dr., tudomanyos igazgato: Gorgenyi Gottche Oszkar dr., az orvostudomanyok doktora) kozlemenye.

(TUBERCULOSIS BOVINE in inf & child)

BALLO, Rudolf, prof., dr. (Budapest, XI., Muegyetem); HAJDUCZKY, G. (Mrs)
(Budapest, XI., Muegyetem); MAKADI, Jozsef (Budapest, XI.,
Budafoki ut 32/e); MOLNAR, Imre (Budapest, XI., Muegyetem)

Contribution to the data on strength of plastics. Pt.1.
Acta chimica Hung 39 no.1:129-144 '63.

BALLO, Rudolf, prof., dr.; MAKADI, Jozsef; MOLNAR, Imre; SIPOS, Jozsef

Contributions to the data of strength of plastics. I. Plastics reinforced by fibres and fibre bundles. I. Acta chimica Hung 29 no.4: 463-474 '61.

1. Department for Plastics and Rubber Industry, Technical University, Budapest.

MAKADI, Jozsef

Application of delrin(polyformaldehyde). Gepgyartastechn 1 no.3:120
Je '61.

MAKADI, Andras

Efficiency of up-to-date technological processes and their application in automotive industry. Gepgyartastechn 4 no. 1: 1-9 Ja '64.

1. Technical Department, Ministry of Metallurgy and Machine Industry, Budapest, and Editorial board member "Gepgyartastechnologia."

MAKADI, A.

"Results of electric metal spraying in Hungary and prospective trends in its development." p. 209

GEP. (Gepipari Tudományos Egresulet). Budapest, Hungary.
Vol 11, No. 6, June 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8.
August 1959
Uncla.

MAKADI, A.

Role of modern manufacturing technology in economical production. III. Cold-working without cutting. p. 1. GEP. (Gepipari Tudomanyos Egyesulet) Budapest. Vol. 8, no. 1, Jan. 1956

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

MAKADI, A.

Role of modern manufacturing technology in the economy. II. p. 465.
Vol 7, no. 12, Dec. 1955. GEP. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

MAKADI, A.

MAKADI, A.
Role of modern manufacturing technology in the economy.
I. p. 411

Vol. 7, No. 11, Nov. 1955 Budapest, Hungary GEP

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5
No. 3, March, 1956

MAKADI, A.

MAKADI, A. - Gep - Vol. 7, no. 5, May 1955.

Fine milling. p. 173.

Paints which change their color (thermcolors) in the service of industry. p. 183.

SO: Monthly list of East European Accessions. (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

MAHAT, A.

"Investigation of the Status of the People of the Hungary-Germany Border",
p. 400, (GSA, Vol. 6, No. 11, November 1954, Budapest, Hungary)

CC: Monthly List of East European Accidents (GSA), 10, Vol. 4, No. 3,
March 1955, Incl.

MAKADI, A.

"Practical calibrating standards for measuring surface roughness" p. 263, (Zf, Vol. 5, No. 5, May 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Incl.

MAKADI, A.

MAKADI, A. (1952)

"Organizing tool distribution in the Long Factory." p. 22. "Committee meeting of the Society for Planning and Management in Factories." p. 31. (TOBSTERMANS, Vol. 6, no. 6, June 1952. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #0, Library of Congress August, 1953, Uncl.

3 (1)

CHICOM/32-59-37-20/29

AUTHOR: V. Makachin

TITLE: Latest Developments in Astronomy¹²

PERIODICAL: K'o Hsueh Hsin Wen, 1959, Nr 37, p 19 ✓

ABSTRACT: This is a translation of an article released by the Information Office of the Soviet Embassy.

Card 1/1

MAKACHEV, N.I., starshiy nauchnyy sotrudnik, kand.tekhn.nauk

Inertia method of projecting the weft. Tekst.prom. 21 no.11:
58-60 N '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut logkogo i
tekstil'nogo mashinostroyeniya (VNIITekmash).
(Weaving)

MAKACHEV, N.I., kand.tekhn.nauk

Modernization of the picking mechanisms of automatic looms. Tekst.
prom. 20 no.8:30-37 Ag '60. (MIRA 13:9)
(Looms)

MAKACHEV, N. I.

MAKACHEV, N. I. -- "Investigation of the Operating Mechanisms of Automatic Looms with an Effective Width of 100 cm." Min Higher Education USSR, Moscow Textile Inst, Moscow, 1956. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No 44, October 1956

KACHLICKI, Zdzislaw; MAK, Zbigniew

D.C. voltage transistor stabilizers. Elektryka Poznan no.4:39-
60 '63.

KICZKA, Witold; MAKA, Marian; DANIECKA, Urszula

Effect of vitamin B12 and cortisone on the blood sugar level in patients with infectious hepatitis. Przegl. epidem. 16 no.2:171-175 '62.

1. Z Kliniki Chorob Zakaznych AM w Bytomiu Kierownik: prof. dr K. Szymonski i z Oddzialu Wewnetrznego Szpitala Miejskiego Nr 3 w Chorzowie Ordynator: dr med. M. Paprotna.

(HEPATITIS INFECTIOUS blood) (BLOOD SUGAR pharmacol)
(VITAMIN B12) (CORTISONE ther)

KICZKA, Witold; MAK, Marian; DANECKA, Urszula

Effect of cortisone on the blood sugar level in patients with infectious hepatitis. Przegl. epidem. 16 no.2:167-170 '62.

1. Z Kliniki Chorob Zakaznych AM w Bytomiu Kierownik: prof. dr K. Szymonski i z I Oddzialu Wewnetrznego Szpitala Miejskiego w Chorzowie
Ordynator: dr M. Paprotna.

(HEPATITIS INFECTIOUS blood) (BLOOD SUGAR pharmacol)
(CORTISONE ther)

ZABLONSKIY, K.I., kand. tekhn. nauk, dotsent; MAK, S.L., kand. tekhn.
nauk, dotsent

Reducing the unevenness of pressure distribution on con-
tacting surfaces. Izv. vys. ucheb. zav.; mashinostr. no.9:
120-126 '63. (MIRA 17:3)

1. Odesskiy politekhnicheskiy institut.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400017-6

MAA, S.L.

Calculating threaded joints. Nauch. zap. Od. politekh.
Inst. 48:35-38 '62. (MIRA 17:5)

DOBROVOL'SKIY, Viktor Afanas'yevich; ZABLONSKIY, Konstantin Ivanovich;
MAK, Solomon L'vovich; RADCHIK, Aleksandr Semenovich; ERLIKH,
Lazar' Borisovich; PYATNITSKIY, A.A., prof., retsenzent;
ACHERMAN, N.S., doktor tekhn. nauk, prof., otv. red.;
BYKOVSKIY, A.I., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn.
red.

[Machine parts] Detali mashin. Izd. 6., dop. Moskv, Mashgiz,
1962. 601 p. (MIRA 16:5)
(Machinery)

MAK, S.L.; TULENKOV, F.K.; SHTEYNBERG, L.B.; BERSHAK, V.I.; SERGEYEV, S. I.;
GUDIMENKO, A.I.; DAVYDOV, A.M.

Exchange of experience. Zav.lab. 28 no.1:114-115 '62.
(MIRA 15:2)

1. Odesskiy politekhnicheskiy institut i Odesskiy zavod stal'nykh
kanatov (for Mak, Tulenkov, Shteynberg). 2. Gosudarstvennyy
nauchno-issledovatel'skiy institut tsvetnykh metallov (for
Bershak, Gudimenko, Davydov).
(Testing machines)

MAK, S.L., kand.tekhn.nauk, dotsent; REUT, V.I., kand.tekhn.nauk, dotsent

Effect of deviations of proper centering of crane jib units on
the tension of their elements. Izv.vys.ucheb.zav.; mashinostr.
no.6:153-158 '62. (MIRA 15:11)

1. Odesskiy politekhnicheskii institut (for Mak). 2. Odesskiy
institut pishchevoy i kholodil'noy promyshlennosti (for Reut).
(Cranes, derricks, etc.—Testing)

MAK, S.L., kand.tekhn.nauk, dotsent; SHTEYNBERG, L.B., inzh.

Determining bending stresses in wires of a steel cable. Izv.vys.-
ucheb.zav.; mashinostr. no.7:64-70 '61. (MIRA 14:9)

1. Odesskiy politekhnicheskii institut.
(Cables)

Investigating the effect of stress ...

S/123/61/000/020/014/035
A004/A101

obtained during the testing of specimens with keyways of different shapes. The most expedient shape with a minimum value of $K_6 = 1.0$ proved to be keyways with rectangular or semicircular cross section having smooth junctions with the specimen surface. There are 6 figures and 2 references. ✓

I. Bernshteyn

[Abstracter's note: Complete translation]

Card 2/2

S/123/61/000/020/014/035
A004/A101

AUTHORS: Mak, S. L., Oleynik, N. V., Fronin, V. M.

TITLE: Investigating the effect of stress concentrations near the location of transverse holes and keyways

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 20, 1961, 21, abstract 20B93 ("Nauchno. zap. Odessk. politekhn. in-t", 1959, v. 14, 96-103)

TEXT: The authors present the results of investigating the effect of stress concentrations near transverse holes and keyways on the fatigue strength. The tests were carried out on steel specimens. It was found that the coefficient of stress concentration K_σ is higher for transverse blind holes with a flat bottom than for through holes or blind holes with a spherical-shaped bottom. A transverse threaded hole increases K_σ . The application of relieving notches near the hole, pressing the holes with balls, countersinking of the hole, pressing a bushing into the hole with a lower modulus of elasticity than the shaft material, are measures to reduce K_σ . The most effective means is the application of relieving notches by pressing in a punch ($K_\sigma = 1.0$), followed by the pressing of the hole by balls ($K_\sigma = 1.10$). The authors present data

Card 1/2

Machine Elements

SOV/2729

suggestions. References follow each chapter.

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Card 2/15

MAK, S L.

25(2)

PHASE I BOOK EXPLOITATION SOV/2729

Dobrovol'skiy, Viktor Afanas'yevich, Konstantin Ivanovich Zablonskiy, Solomon L'vovich Mak, Aleksandr Semenovich Radchik, and Lazar' Borisovich Erlikh

Detali mashin (Machine Elements) 3rd ed., rev. and enl. Kiyev, Mashgiz, 1959.
581 p. 100,000 copies printed.

Reviewer: S.V. Pinegin, Doctor of Technical Sciences, Professor; Resp. Ed.: N. S. Asherkan, Doctor of Technical Sciences, Professor; Ed.: N.S. Zalugin; Chief Ed. (Southern Division, Mashgiz): V.K. Serdyuk, Engineer.

PURPOSE: This textbook is intended for students of institutions of higher technical education specializing in machinery construction and mechanical engineering.

COVERAGE: This is a textbook for the course, Machine Elements. It is a third edition, revised and enlarged. Design problems and basic theory are emphasized. Machine parts dealt with include joints, transmissions, axles, shafts, bearings, couplings, clutches, springs, and housings. Recently developed designs of machine parts and new methods of calculation have been added. Chapters dealing with material offered in other courses have been abridged or deleted. The authors thank the responsible editor for

Card 1/15

MAK, S.L., kand.tekhn.nauk, dots.

Strength of thread joints subjected to variable loads. Izv.
vys.ucheb.zav.; mashinostr. no.5:53-55 '58. (MIRA 12:5)

1. Odesskiy politekhnicheskiy institut.
(Screw threads--Testing)

MAK, S.I., inzh.; SHTAYGER, Ye.V., inzh.

Devices for measuring stresses in ropes. Stroi. i dor. mashinost.
3 no.9:24-25 S '58. (MIRA 11:10)
(Rope--Testing)

Handwritten: DRAFT, Solomon L'vovich

DOBROVOL'SKIY, Viktor Afanas'yevich, zasluzhennyy deyatel' nauki i tekhniki, doktor tekhnicheskikh nauk, professor; ZABLONSKIY, Konstantin Ivanovich, MAK, Solomon L'vovich; RADCHIK, Aleksandr Semenovich; ERLIKH, Lazar' Borisovich; PINIGIN, S.V., doktor tekhnicheskikh nauk, professor, retsenzent; ACHERKAN, N.S., doktor tekhnicheskikh nauk, professor, otvetstvennyy redaktor; ZALOGIN, N.S., redaktor izdatel'stva; RUDENSKIY, Ya.V., tekhnichaskiy redaktor

[Machine parts] Detali mashin. Izd. 2-oe, ispr. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1957. 618 p. (MLRA 10:8)
(Machinery--Design)

124-1957-10-12256

The Fatigue Strength of Samples With Cross-sectional (cont.)

the magnitude of K_{σ} was slightly decreased. The assumption is voiced that by changing the keyway length, the limit of fatigue **would not** alter noticeably. In all cases the fatigue failure commenced at the edges of openings or drillings.

G. A. Tulyakov

Card 2/2

MAK, S. L.

124-1957-10-12256

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 145 (USSR)

AUTHORS: Mak, S. L., Oleynik, N. V., Pronin, V. M.

TITLE: The Fatigue Strength of Samples With Cross-sectional Openings and Partial Drillings (Ustalostnaya prochnost' obraztsov s poperechnymi otverstiyami i zasverlovkami)

PERIODICAL: Nauch. zap. Odessk. politekhn. in-t, 1956, Vol 9, pp 55-60

ABSTRACT: The results of fatigue tests on samples made from normalized steel 6 and steel 40 X are reported in the article. The cross-sectional openings and blind drillings were performed with a 3-mm drill bit on steel-6 specimens 15-mm in diameter and with an 8-mm drill bit on steel 40 X specimens 12-mm in diameter. The tests were carried out on a NU machine on the basis of 5×10^6 cycles. It was established that in both of the materials the fatigue limit and the effective stress concentration factor K_σ is practically the same for the specimens with openings and those with partial drillings. The tests performed on specimens having five closely spaced drillings equal in depth, did not show any effects of mutual stress alleviation. Increasing the size of the crosspieces between the drillings had an insignificant effect on the fatigue limit;

Card 1/2

DOBROVOL'SKIY, Viktor Afanas'yevich, doktor tekhnicheskikh nauk, zasluzhennyy deyatel' nauki i tekhniki; ZABLONSKIY, Konstantin Ivanovich; ~~MAK, Solomon L'vovich~~; RADCHIK, Aleksandr Semenovich; ~~ERLIKH, Lazar' Borisovich~~; ~~PIREGIN, S.V.~~, doktor tekhnicheskikh nauk, professor, retsenzent; ~~ACHERKAN, N.S.~~, doktor tekhnicheskikh nauk, professor, otvetstvennyy redaktor; ZALOGIN, N.S., redaktor izdatel'stva; ~~RUDENSKIY, Ya.V.~~, tekhnicheskiy redaktor

[Machine parts] Detali mashin. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 618 p. (MIRA 10:2)

1. Odesskiy politekhnicheskii institut (for Dobrovol'skiy, Zablonskiy, Mak, Radchik, Erlikh)
(Machinery--Design)

MAK, S. L.; STAROSEL'SKIY, A. A. ; ZABLONSKIY, K. I.

Bearings (Machinery)

Breakdown of one bearing joint. S. L. Mak, A. A. Starosel'skiy. K. I. Zablonskiy.
Vest. mash. 31 No. 10 1951.

Monthly List of Russian Accessions, Library of Congress, September 1952 UNCLASSIFIED

SLFPUKHA, I.M.; MAK, R.M.

Single-stage operation performed on a child for a broncho-diverticulo-esophageal fistula and pulmonary cirrhosis with bronchiectasis. Khirurgiia 38 no.12:98-101 D '62.

(MIRA 17:6)

1. Iz khirurgicheskogo otdeleniya detskogo tuberkuleznogo sanatoriya imeni M. Gor'kogo (glavnyy vrach M.I.Gerbut), Kiyev, Pushcha-Voditsa.

SLEPUKHA, I.M.; MAK, R.M.

Surgical treatment of pulmonary tuberculosis in children and adolescents
in the sanatorium. Ped., akush. 1 gin. 23 no.5:16-20 '61.

(MIRA 14:12)

1. Khirurgicheskoye otdeleniye detskogo tubsanatoriya im. Gor'kogo
(glavnyy vrach sanatoriya - M.I.Gerbut [Herbut, M.I.], g. Kiyev.
(TUBERCULOSIS) (CHILDREN--SURGERY)

KAGAN, Yu.B.; BASHKIROV, A.N.; KLIGER, G.A.; CHZHOU CHZHAO-DI [Chou Chao-ti];
MAK, N.Ye.

Reaction between octyl alcohols and ammonia under the hydro-
gen pressure on a fused iron catalyst. Neftekhimia 1 no.3:
403-410 My-Je '61. (MIRA 16:11)

1. Institut neftekhimicheskogo sinteza AN SSSR i Institut
tonkoy khimicheskoy tekhnologii imeni Lomonosova.

KAN, K.D., kand.tekhn.nauk; MAK, I. I., inzh.; MARSHAK, A.M., kand.khim.nauk;
YEVSEYEVA, L.S., inzh.

Investigating the refrigeration compressor operated with Freon-143.
Khol.tekh. 40 no.3:5-9 My-Je '63. (MIRA 16:9)

1. Tsentral'noye konstruktorskoye byuro kholodil'nogo mashinostro-
yeniya (for Kan, Mak). 2. Gosudarstvennyy institut prikladnoy khim-
ii (for Marshak, Yevtseyeva).
(Refrigerants) (Refrigeration and refrigerating machinery)

KAN, K.D., kand.tekhn.nauk; MAK, L.I., inzh.

Use of single-acting piston(reciprocating) compressors for the generation of low temperatures. Khol.tekh. 40 no.1:12-16 Ja-F '63.
(MIRA 16:3)

1. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.
(Refrigeration and refrigerating machines)

ANASTASIADI, A.P.; BOROVSKIY, V.R.; VYBORNOV, G.V.; KOPELYANSKIY,
G.D.; MAK, I.L.; PECHURO, S.S.; PIYEVSKIY, I.M.;
RACHEVSKAYA, K.D.; REYZNER, Yu.B.; RYBAK, L.L.; TSEPELICH,
M.R.; SHUMAKHER, L.I.; YUSHKEVICH, M.O. [deceased]; AGEYENKO,
Yu.G., nauchnyy red.; BELUGIN, A.T., nauchnyy red.; KOGAN,
G.S., nauchnyy red.; KRZHEMINSKIY, S.A., nauchnyy red.;
MITSKEVICH, M.I., nauchnyy red.; SILENOK, S.G., nauchnyy red.;
TRILESNIK, Z.Ye., nauchnyy red.; ZUBAREV, K.A., glav. red.;
TROFIMOV, I.P., red.; SKRAMTAYEV, B.G., glav. red.; BALAT'YEV,
P.K., red.; KITAYEV, Ye.N., red.; KITAYGORODSKIY, I.I., red.;
ROKHVARGER, Ye.L., red.; KHOLIN, I.I., red.; CHERKINSKAYA,
R.L., red.; RODIONOVA, V.M., tekhn. red.

[Manual on the production of gypsum and gypsum products] Spra-
vochnik po proizvodstvu gipsa i gipsovykh izdelii. [By] A.P.
Anastasiadi i dr. Pod red. K.A. Zubareva. Moskva, Gosstro-
izdat, 1963. 464 p. (MIRA 16:7)
(Gypsum) (Gypsum products)

MAK, I.L., inzh.; KATANOV, D.D., inzh.

Still waste is a valuable mineralizer for the production of
cement fiberboard. Stroi.mat. 9 no.3:15-17 Mr '63.

(MIRA 16:4)

(Fiberboard)

MAK, I.L.; RATINOV, V.B.; SILENOK, S.G.; YUSHKEVICH, M.O., nauchnyy
red.; CHERKINSKAYA, R.L., red. izd-va; SHERSTNEVA, N.V.,
tekh. red.

[Manufacture of gypsum and gypsum products] Proizvodstvo gipsa
i gipsovykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit.,
arkhit. i stroit. materialam, 1961. 199 p. (MIRA 15:2)
(Gypsum)